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D2739**Job Sheet 185345****Part No:** D2739**Job Qty:** 10 ea**Part Name:** 350 I-Beam**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 10/25/18**Job Tracking No:****Due Date:** 11/9/18**Created By:** Jesse White**Type:** Stock**Description:**

Note: DWG D2739 REV E IPP Rev: C 02.11.28 Reformat KJ IPP Rev: D 06-03-21 As Per Rev C JLM IPP Rev: E 07-07-28 As per Rev D JLM Verified By: IPP Rev:F 10.11.02 as per revE DD verf:EC

Ship Via:**Bill of Materials****Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	10 Ea		11/9/18	0.00	0.00	Start Up Skidtubes-2		
100	Skidtubes	10 pcs		11/9/18	0.00	5.41	Skidtubes-3		
120	HandFinish	10 pcs		11/9/18	0.00	0.83	HandFinish1		
130	QC	10 pcs		11/9/18	0.00	0.00	QC5		
140	Packaging	10 pcs		11/9/18	0.00	0.00	Packaging3-1		
150	QC21-SA	10 Ea		11/9/18	0.00	0.00	QC21		

Part Op 100 - 1-Cut D2600-5 to length as per Dwg D2739. 2-Drill pilot holes in web using drilling Jig DT8162 as per Dwg D2739 3-Descriptions: Use uni-bit to open holes to finish size as per Dwg D2739. 4-Bevel Fwd end of extrusion and Deburr holes and ends.

140 - LOCATION : LG002

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2600-5-108	Extrusion I-Beam Thin	10 Ea (1 ea)	90-Start up Operation	3145248

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	D2600-5-108	10	18	0

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

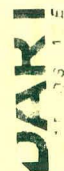
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coor. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	

FAULT CATEGORY

e	☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center	☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence
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 www.dartaerospace.com



Container No. S126363



Part: DZ739

Job No: 185345

Serial No/Batch: S126363

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 11/09/18

Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Web	78.760Inches $\pm$ 0.030	78.790 78.730		
2	Web	1.180Inches $\pm$ 0.010	1.190 1.170		
3	Web	3.150Inches $\pm$ 0.010	3.160 3.140		
4	Web	1.180Inches $\pm$ 0.010	1.190 1.170		
5	Web	0.250Inches $\pm$ 0.030	0.280 0.220		
6	Web	30.000Degrees + 0.500 - 5.000	30.500 25.000	Angle	
7	Web	1.250Inches $\pm$ 0.030	1.280 1.220		
8	Web	7.880Inches $\pm$ 0.030	7.910 7.850		
9	Web	10.070Inches $\pm$ 0.030	10.100 10.040		
10	Web	12.990Inches $\pm$ 0.030	13.020 12.960		
11	Web	16.540Inches $\pm$ 0.030	16.570 16.510		
12	Web	20.870Inches $\pm$ 0.030	20.900 20.840		
13	Web	25.200Inches $\pm$ 0.030	25.230 25.170		
14	Web	29.530Inches $\pm$ 0.030	29.560 29.500		
15	Web	32.650Inches $\pm$ 0.030	32.680 32.620		
16	Web	33.860Inches $\pm$ 0.030	33.890 33.830		
17	Web	35.350Inches $\pm$ 0.030	35.380 35.320		
18	Web	38.280Inches $\pm$ 0.030	38.310 38.250		
19	Web	41.350Inches $\pm$ 0.030	41.380 41.320		
20	Web	44.350Inches $\pm$ 0.030	44.380 44.320		
21	Web	47.400Inches $\pm$ 0.030	47.430 47.370		
22	Web	50.150Inches $\pm$ 0.030	50.180 50.120		
23	Web	52.900Inches $\pm$ 0.030	52.930 52.870		
24	Web	64.060Inches $\pm$ 0.030	64.090 64.030		
25	Web	70.270Inches $\pm$ 0.030	70.300 70.240		
26	Web	73.020Inches $\pm$ 0.030	73.050 72.990		
27	Web	75.770Inches $\pm$ 0.030	75.800 75.740		
28	Web	56.150Inches $\pm$ 0.030	56.180 56.120		

Plex 10/25/18 10:50 AM dart.white.jesse

DQA: _____ Date: _____

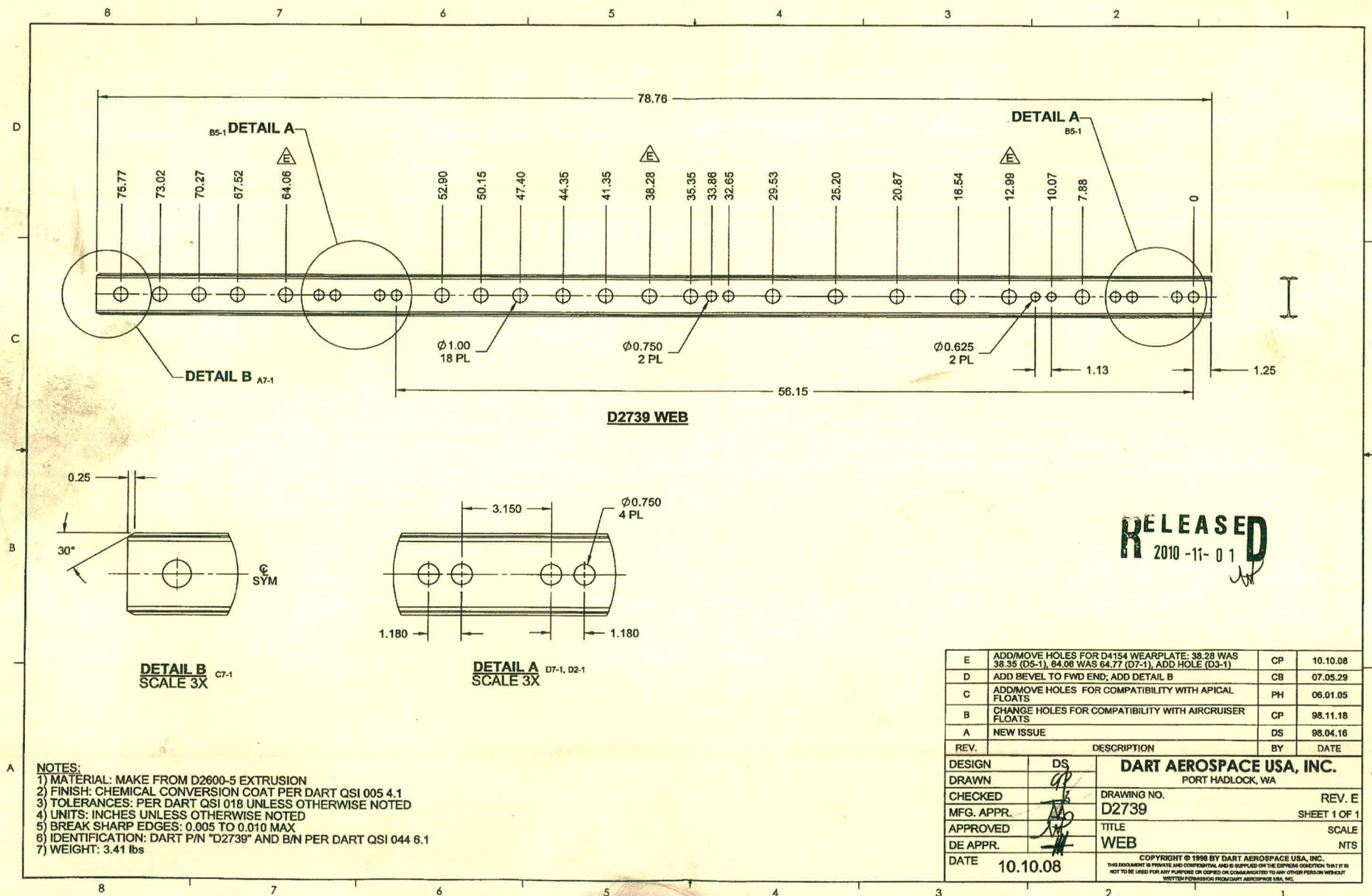


WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER :					



DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION		AGAINST DEPARTMENT/PROCESS			
	Rework ☐	Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	
	Scrap ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	
	Use-as-is ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	
	Suspected Unapproved ☐	Large Fab ☐	Composite ☐	Supplier ☐		

Date :	Step #:	QTY Effective :	MRB (QSI042) Approval
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Description Work Order Deviation	Disposition	Completed By
		Lead hand / Supervisor Approval Verification
		QC / QA Coordinator Approval

Root Cause			FAULT CATEGORY		
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER :			